

SERVICE AND TRAINING AMMINITION

The SKS and AK rifle firesthe 7.62x39mm round, M1943. The rounds have varying construction depending upon their purpose. The weight of the builets and their muzzle velocity are selected so that firing with the different builets can be conducted with the same sight settings. Ammunition is divided into service and auxiliary types.

1. Sarvice ammunition and its usa

Service ammunition is divided into bail cartridgas and special purpose cartridges.

Ball ammunition is used to engage every parsonnel.

Special ammunition, depending upon its construction, is designed for targat indication and correction of fire, igniting fuel and highly inflammable objects, and for destroying lightly ammored targets.

Tracar cartridges are designed for target indication, fire adjustment, signal purposas and augaging parsonnel. Tracar bullats can ignite straw roofs, dry grass, etc. The path of the bullet is indicated by a red flame. The flame can be seen for a distance of 700 meters.

AP-inceudiary cartridges are used to destroy fuel (kerosene, gasoline) and for destroying targats protacted by thin armor plating at renges up to 300 meters.

incendiary cartridges are used to destroy fuel in irou tanks up to 3 millimeters thick. Incaudiary cartridges also contain a tracer alement. The path of the builet is indicated by a red fiame which can be seen day or night, it can be seen for a distance up to 700 matars.

2. Training Ammunition, purposa and construction

Training ammunition includes drilled and blank 7.62mm rounds, Mi943.

Drilled rounds are designed for training in loading and firing. On the body or the cartridge case there are longitudinal groows, and on the cartridge case mouth there are marks from the clamping device. The primer is pierced. There is no propellaut in the cartridge case.

Blank cartridges are designed for simulating fire and are used in tactical axercises. There is no bullet in the bienk cartridgas. The mouth is smalled by a star (rosatta) crimp. It is dangerous to staud closer than 10 meters away from the muzzle face whan blank cartridges ere being fired.

INSTRUCTIONS ON DISASSEMBLY DE THE SKS RIFLE

Step 1: Pull the boil handle to the rear and visually inspect the chamber to make certain that the rifle is unloaded. After doing so, depress the magazine follower and gently release the bolt, letting it go completely forward.

Step 2: Leaving the hammer cocked, engage the safety lever on "safe".

Step 3; Rotate the receiver cover connecting pin upward to the vertical position (fig. 1), Pull the pin out as far as possible (fig. 2),



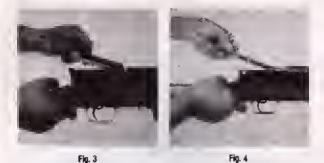


Fig. 1

Fig. 2

Step 4: Lift the receiver cover off of the receiver (fig. 3).

Step 5: Remove the recoil spring from the rear of the bolt carrier (fig. 4).



Step 6: Pull the bolt carrier/bolt assambly to the rear of the receiver (fig. 5). Remove the entire assembly:

Step 7: Use a builet tip to pry up the piston tube locking lever (fig. 6). Position the lever in a way such that the carmining surface located at the front is completely vertical.



Fig. 5

Fig. 6

Step 8: Carefully raise the handguard assembly and rock it slowly from side to side until it can be pulled away from the gas block (fig. 7).



Fig. 7

Step 9: Tilt the handguard assembly and the piston will slide out of the piston tube.

The sequence given above is sufficient to field-strip the rifle for cleaning and regular maintenance. No further disassembly is recommended except for repair by a qualified gunsmith.

CLEANING THE RIFLE

Begin with the rifle field-stripped. Attach the bore brush to the cleaning rod (located underneath the barrel). Saturate the bore brush with gun solvent and push the brush through the length of the barrel. The cap of the accessory tube can be used to protect the crown of the muzzle from damage during cleaning (fig. 8). Repeat the procedure with cloth cleaning patches soaked in solvent. Whan the patches around the bore cleaner. When the fooling has been removed, the bore should be wiped dry of solvent. If you do not intend to fire the rifle soon, run a slightly oiled patch through the bore for preservation.



Fig. 8

The bolt, bolt carrier, piston, recoil spring and receiver cover should be wiped off with a clean cloth. The action parts should be coated with a light film of oil. The gas piston and the gas tube should be left clean and dry. Pouring oil into the receiver indiscriminately is not recommended.

The basic SKS rifle cleaning kit consists only of a bore brush, bore cleaner and punch. A gas port rearner is not normally included with the rifle (one is available at extra cost). However, we do recommend that you clean the gas port and the gas block area regularly. To do so, insert the gas port rearner (or a similarly-shaped tool) into the gas port of the rifle (fig. 9). Turn it clockwise until the fouring has been removed.



Fig. 9

REMOVING THE TRIGGER MECHANISM AND THE MAGAZINE

Use a buffet tip or a pin punch to strike the trigger mechanism retaining button (fig.10). Once released, the trigger assembly can be pulled back from the stock assembly.

With the trigger mechanism removed, the magazine can be taken out of the stock by simultaneously pulling down and to the rear (fig. 11).



Flg. 10

Flg. 11

MOUNTING THE BAYONET

Begin by sliding the bayonet handle and the bayonet spring over the tang of the spike bayonet. Push downward on the handle until the slot for attaching the bayonet screw is exposed. Hold the bayonet carefully in this position with the muzzle ring facing the muzzle of the rifle (fig. 12) and insert the bayonet pin into its proper slot in the bayonet lug. Tighten the bayonet pin with a screwdriver of proper size.



Fig. 12

- Receiver Cover Connecting Pin
- Recoil Spring
- **Beceiver Cover**

3oft Carrier

- landguard/Piston Tube
- Yston Tube Locking Lever **ಕಟ್ಟಟ್ಟು ಅ**ಕ್ಕ
 - Gas Block
- Bayonet Lug
- Frigger Mechanism
- flagazine Assembly
 - Cleaning Rod
 - A-2, Bore Brush A-1. Pin Punch
- A-3 Bore Cleaner
- A-5. Accessory Tube Cap A-4, Accessory Tube
 - B-1. Bayonet Handle
 - B-2. Bayonet Spring
 - B-3 Bayonet
- B-4. Bayonet Screw

YOU ARE RESPONSIBLE FOR FIREARMS SAFFTY

Please let us temind you that, as a gun owner, you accept a set of responsibilities of the most demanding nature, How seriously you carry out these responsibilities can be the difference between file and death. Mistakes made with guns are linal and cannot be paid for with money or regret. PLEASE READ AND UNDERSTAND THE PROPER HANDLING AND INSTRUCTION PROCEDURES OUTLINED IN THIS BOOKLET BEFORE USING YOUR NEW FIREARM.

There is no excuse for careloss or abusive handling of any firearm. At ell times handle this linearm with intense respect for its force and power.

Please read and practice the following cautions:

- ALWAYS KEEP THE MUZZLE OF YOUR RIFLE POINTED IN A SAFE DIRECTION
 even though you are certain the ritle is unfoaded. Never point your ritle at anything
 you do not intend to shoot. Be extremely alert and aware of ell persons and properly
 within the range of your ammunition.
- WHENEVER YOU PICK UP YOUR RIFLE, ALWAYS OPEN THE ACTION AND VISUALly check the chamber, receiver and magazine to be certain they do not contain any ammunition.
- 3. WARNING-NEVER TRUST YOUR RIFLE'S MECHANICAL "SAFETY" DEVICE. The word, "salety" describes a gun's Irigger block mechanism, sear block mechanism, hammer block mechanism or litring pin block mechanism. These mechanical devices are designed to place your gun in a SAFER status. No guarantee can be made that the gun will not lite even it the "salety" latin the "on sale" postition.
 - Like any mechanical device a salety can sometimes fall; it can be jarred or inadvertently manipulated into en unsale condition. Mechanical "saleties" merely aid sale gun handling and are no excuse for pointing artile's muzzle in an unsale direction.
 - While it is a good idea to "lest" your rille's mechanical "aelety" periodically for proper function, NEVER lost it white your rille is loaded or pointed in an unsale direction.
 - Sale gun handling does not stop with your gun's mechanical "salety" device. It starts there. Always treat this ritle with the respect due e loaded, ready-to-tire tirearm,
- 4. ALWAYS UNLOAD YOUR RIFLE WHEN NOT IN USE. Your responsibilities do not end when you tille is unaltended. Store your fille and ammuunition separately beyond the reach of children. Take all safe guards to insure your gun does not become available to untrained, inexpetienced or unwelcomed hands.

5. BEWARE OF BARREL OBSTRUCTIONS for the safety of both your ritle end yoursell. Before you load your ritle, open the sollon, BE SURE NO LIVE ROUND IS IN THE CHAMBER OR MAGAZINE. I han glance through the barrel to be sure it is clear of any obstruction. Be careful how you carry your rifle. Do not permit the muzzle to dip into mud, endower weter. Do not thrust your barrel through et filicket with the possibility of ramming at lwig into the bore. An infinite veriety of objects may hadvertently lodge in a barrel, it takes only e smell obstruction to dangerously increase pressures.

Before the first firing of your rills, clean the bore with a cleaning rod and paich. Wipe away any enti-rust compounds in the action-chamber areas.

- DO NOT SNAP THE HAMMER ON AN EMPTY CHAMBER THE CHAMBER MAY NOT BE EMPTY! Treat every gun with the respect due a loaded gun - even though you are certain the gun is unloaded.
- WHENEVER YOU HAND YOUR RIFLE TO ANOTHER PERSON ALWAYS OPEN THE ACTION. Whanever you accept a gun from enother person, open the action if it isn't already open, and inspect the chamber and magazine to be sure all live rounds are cleared.
- BE SURE OF YOUR TARGET. Be sure no persons, liveslock, buildings, or other
 objects are behind or near your larget, Be ebsolutely eure of larget particularly
 during low light periode.
- BE SURE OF YOUR SACKSTOP. Know the range of your ammunition and be certain there is no change of demage or accident. Never shoot at weller or herd objects.
 ALWAYS UNLOAD ANY GUN'S CHAMBER AND MAGAZINE BEFORE CROSSING
- FENCE, CLIMBING A TREE, JUMPING A DITCH or negotialing other obstacles.

 Never lean a loaded gun against a lence, tree, cer, or similar object.

 11. FOR EYE AND EAR PROTECTION was recommend that you always wear shooting
- glasses and hearing protection when shooting.

 12. AMMUNITION Your rille must be used only with cartridges of the correct caliber
- as inecribed on the side of the barrel or receiver.

 13. IF YOUR RIFLE FAILS TO FIRE OUE TO A MALFUNCTION OF EITHER RIFLE OR AMMUNITION keep the muzzle pointed in a sale direction and hold this position for a minimum of 30 seconds. Carefully open the ecition and remove the carriedge. If

the primer is indented, it should be disposed of in a way theil can cause no harm. If the primer is not indented, your fills should be examined by a qualified gunsmith and the cause of the mailungtion should be corrected before future use.

14. SUPERVISE AND EDUCATE. Stress lirearms safety to ell members of your family, especially to children and non-shooters. Don't be timid when it comes to gun safety. If you observe other shooters violating safety preceutions, politiely euggest eater hendiling practicas.

NOMENCLATURE

In conventional gun terminology the position and movement of gun paris are described as they occur with gun horizontel and in normal liring position; i.e., the muzzle is forward or front; the bullstock is reenward or rear; the trigger is downward or undernoath; the sights are upward or on top.

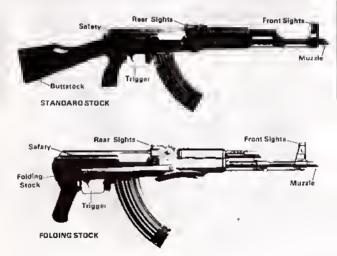


Figure 1

CAUTION

Before Ilring your ritle, make sure there are NO OSSTRUCTIONS in the barrel. Wipe away all grease from the chamber and bore of the barrel.

GENERAL OPERATING PROCEDURE

Your new Model AKS is a gas operated, semi-automatic repealing rifle. With cartridges in the magazine and in the chamber and the salety in the "OFF SAFE" or "FIRE" positron, the nitle will fire a single round with each successive pull of the trigger until the magazine and chamber are empty.

OPERATION OF THE SAFETY

The salety lever is located on the right side of the receiver. (See figure 2.) To place the ritle "on safe" move the lever upward until the lever aligns behind the boll operating handle (see figure 2) and the letter "S" is visable below the safety lever. To place the ritle "off safe" move the lever downward until the lever is in correct alignment in either "C" or "F" positron.

CAUTION: The "SAFETY" should be kept in its "ON SAFE" position at all times except when actually trying tha rifle.



Figure 2



Figure 3

LOADING THE RIFLE

The AKS samt-automatic high power rifte is supplied with a 30 round box magazine adapted to I limit the megazines capacity to 5 rounds. Additional megazines with 30 round capacity are eveilable as accessories.

Ta loud the magazine hold the magazina in one hand whita uaing the other hend to carefully insert each catifidge into the magazina ageinst the preasure of the spring loaded follower, until it is stated by the metel rinds of the magazine body. Care should be exarctated in positioning each cartridge so that its basio is to the sast at the magazine. If he nose of a cartridge protrudes beyond the end of the magazine, it could interfete with insertion of the magazine.

To reedy the trille for loading, first insura that the salety fever is in the "ON SAFE" position,

Next, hald the title in a netural position with the barret asially pointing at the graund. Use eithat hand to hold the rifle at the forarm. Then, insert the magazine into the receiver opening in Iron at the trager guard of the rifle. A sharp, matalite click with indicate that the magazine is fully inserted and engaged with the magazine latch. A found may be chembeted by placing the safety in the "off safet" position, diagnified boil aperating handle fully rearward end efforting it to freely return to its closed position.

Once a round has been chambered, the magazine unit may be removed at any time desired for relitting to capacity.

UNLOADING THE RIFLE

With the rifle "ON SAFE" and pointed in a safe downwerd direction release and remove the magezina. Next place the weapon "OFF SAFE". Greap the boll operating hendla end move it amerity to the tale; thereby artracting and ajecting any live tound in the chamber. As it slways good safety prectice, then visually inspect the chamber to be ebsolutely sure a round is not still present. Once this is determined the boll may be allowed to close. The magezine may then be allowed to close. The magezine may like to unload the magezine maraly push torward on the base of each tound untill it clears the retainment ins.

REAR SIGHT

The AKS is provided with a teer sight with graduated adjustments at 100, 200, 300, 400, 500, 600, 700 and 800 malars. The letter O designates battle setting when time does not permit setting the alide.

Taise the rear eight for the required gladuation, raise the sight leat and move the atida until the Rear Sight Adjusting Block caincides with the desirad graduation on the sight laat. Then release the sight leet.

FRONT SIGHT

Horizon(a) adjustmant should be correct at the time you purchese your AKS ritle. However, ifter your alghting procedure a slight change appares necessary, a horizontal edjustment may be accomplished by maying the Front Sight Stud to the right or tell. The Sight Stud is secured to the Frant Sight Base by fiction till. By tapping the Front Sight Stud within the front slight stud within the front slight base, it can be moved in the direction destited. A non-motabilic material should bear against the Front Sight Stud during tapping to avoid marring the florth. The first the first study and the first study are study and the first study and the

Varificel adjustment may be made using the combination tool prepared as abown in figure 5. The assembly of the combination foot is shawn on page 10. To reise the point of impect furnithe front sight post objectwise. To lower the point of impect furnithe front sight post counter-clockwise.



Figure 4



Figure 5

TRIGGER

The Irigger mechanism has been adjusted at the factory to provide a pull consistent with safety. It is recommanded that no attempt be made to change the weight of pull of the Irigger.

CLEANING FOLIPMENT STORAGE

D. Small Slot

The AKS accessory kli is stored within the bullstock of the Standard AKS and is a loose accessory with the Folding AKS. To remove the accessory kit from the Standard AKS, depress the Bullplate Cap with the Index finger the amount necessary for the accessory case to be ejected from the bullstock by the Bullplate Spring. The cleaning rod is slored benealt the barrel of both models and can be removed by culling the cleaning rod head out end upward from its retainer. The gas port reamer is an L shaped lool provided as a loose accessory with each AKS.

To prepare the cleaning rod to clean the bore, the accessory case must be at lached to the cleaning rod as follows:

- 1. Insert the small end of the cleaning rod through the large hole in the accessory case so that the bead of the cleaning rod passes inside the accessory case and butts against the case wall, (See Figure 8.)
- Install the accessory case cap on the cleaning rod with the open and up.
- 3 Install the lag or brush on the threaded and of the cleaning rod. (See Floring 6 to Install isg with combination look)
- inself the combination tool into the acessory case above the cleaning rod head.



G. Lock lever slot

Figure 7





Figure 9

Flaure 10

To use the loot as a key for removing, installing or adjusting the front sight, the screweriver blade is inserted into the notches in the accessory case (through the long notch (c) and the short polich (d) (See Floure 9.1)

To use the tool as a screwdriver, the key is inserted onto the accessory case notches (through the lang noich (c) and the short noich (d), (See Figure 10.)

DISASSEMBLY

The correct procedure for disassembly of your rifle follows.

- BE CERTAIN THE RIFLE IS UNLOADED AND THE SAFETY IS IN THE "ON SAFE". POSITION.
- 2. Remove the magazine by pushing forward on the magazine latch white pulling the magazine down and out of the receiver, (See Fig. 11.)



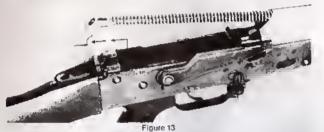
Fraute 11

3 Push lorward on the action return spring retaining bleck and lift the action cover from the receiver. (See Fig.12)



Figure 12

Remove the action return spring retaining block by pushing forward to clear the receiver slot and lifting up. Once the action spring retaining block has been released, draw the action return spring assembly te the rear end remove. (See Fig. 13.)



Place the salety in the "Oll Safe" position and draw the bolt carrier assembly completely to the rear and cut of the receiver. (See Fig. 14.)



 Remove the boil from the boil carrier by pivoting the boil clockwise to the rear and turning an additional ¼ turn, Next, remove the boil from the boil earner by extracting it lower the gas pison. (See Fig. 15.)



Figure 15

7 Disassemble the bolt by using the knock out rod on the combination load or a pin punch of correct size. First remove this fring pin retaining pin. (Sea light 16.) This will allow the liring pin to be removed from the rear of the bolt. Next, remova the extractor retainer pin. (See lighter 17.) This will allow the extractor and extractor spring to be removed. When disassembling the bott note the alignment of the extractor pin. When re-assembling, the notch in the extractor pin must be raplaced exactly as removed to allow the triing pin retaining pin to be replaced.



Figure 16

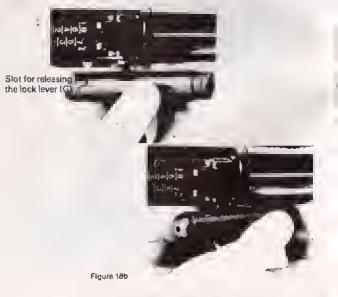
Figure 17

 To remove the upper handguard with gas cylinder illi up on the lock lever located on the right side of the rear sight until it will allow the upper hand-guard with gas cylinder to be removed. (See figure 18a.)



Figure 18a

NOTE: If the lock lever is extremely tight, the accessory case may be used to aid in releasing lock lever. (See Figure 18b.)



To remove the compensator, use the screwdriver end of the combroation tool to depress the compensator lock while lurning the compensator clockwise off the barret.



Figure 19

CLEANING

The correct procedure for cleaning your disassembled rifle follows:

 Insert the gas port reamer into the gas port of the AKS. (See ligure 20.) Turn clockwise until fouling is removed.



Figure 20

- 2. Using the cleaning rod with jeg and patch anough amug til in bore, insert rod and patch in barrel from the muzzle and. Allow the accessory case cap to cover the muzzle and align the cleaning rod on the bore. The ancessory cap will help prevent the cleaning rod from striking the crown of the muzzle. Damage to this area can adversely effect the accuracy of the ritle.
- 3. Inspect the chamber and bore for powder fouling. A normal amount of powder residue can be expected and is not serious. It can usually be removed by repeating Stop Number 1, using a patch setureted with nitro-solvent, it or when fouling should become heavy, it can be removed with the bore brush. Dip the brush in nitro-solvent and scrub the chember and bore until the fouling is removed. To prevent bristless from breaking oil, the brush should be pushed completely through the bore belore being withdrawn.
- After louting has been removed, the bore should be wiped dry and then a slightly offed patch run through it for preservation.
- 5. The gas cylinder, boll, boll carrier with gas piston, action spring and action cover ahould be wiped oil with a clean cloth. Any dried oil or louling in these aress should be removed. Follow this cleaning by applying a very light laim oil oil on boll, boll carrier and action spring. The gas piston and gas cylinder should be free oil all traces of oil. Do not pout integragmant liters of oil into the receiver.
- 6 Wipe all exposed metal surfaces with an olled cloth, making eure to wipe gun clean of all linger marks where moisture will accumulate, Ordinary good judgement will, of course, indicate that the metal of the gun should receive a light film of oll any time the gun has been exposed to adverse wealths or handling.

MAGAZINE DISASSEMBLY



Figure 21

To disassemble the magazine for cleaning, use the knock out rod of the Combination Tool. Depress the magazine spring bottom reteiner and slide the magazine bottom plate from the magazine housing.

(Caution: Wear salely glasses when disassembling the magazine.)

MAG-PAC MAGAZINE EXCHANGE SYSTEM



To assemble, install the two round head scraws through the holes in the lirist bracket, into the two holes without bushings and lighten. Then place two magazines in position and snap the top retainer bracket into place and secure with two thumb screws.

Figure 22

2 - 30 rd. magazines assembled with MAG-PAC on the AKS Folding Stock Model.



Figure 23



Figure 24 Sling attached to AKS.



Altaching the Knile bayonel Figure 25



Figure 26 Knile bayonel locked in position

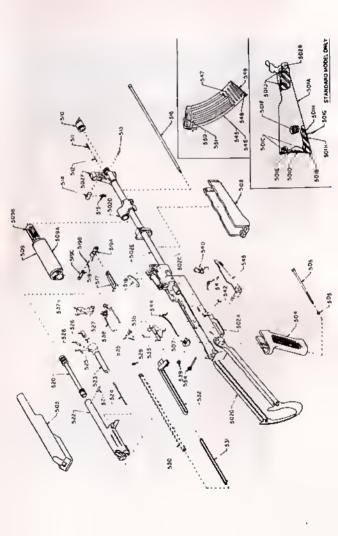
To remove bayonel, depress the lock release button and silde the bayonet forward and of the AKS.



Lock release button

REASSEMBLY

Reasembly is just the reverse of steps for disassembly. The compensator is replaced by furning if on the muzzle counter-clockwise and is retained by the compensator lock. The upper handguard with ges cytinder is replaced end locked. Next, assemble the boll by replacing the extractor, extractor spring and extractor retainer pin. Now, place the tiring pin into the boll and retain it with the liting pin retaining the pin. Next, replace the boll into the boll carrier assembly. The boll carrier with gas piston is next inserted into the rear of the gas cytinder. After insertion, the boll carrier with boll, is depressed into the receiver raits and smartly pushed lorward by the boll operating handle. The action return spring ie now inserted into the rear of the boll carrier and securely focked into the rear of the position cover must it property in the groove below the rear eight and be held in position by the action return spring retemina block.



PARTS LIST

501AButtstock, Standard
501B Butt Plate (Std. Model)
501C Butt Plate Screws (Std. Model)
501D Butt Plate Cap (Std. Model)
501E Butt Plate Cap Spring (Std.)
501F
501G Buttstock Sling Swivel (Std. Model)
501H Buttstock Sling Swivel Screw (Std.)
501J Buttstock Tang Screw (Std. Model)
502A Receiver & Trigger Guard Compl. (Folding)
502B
502C Lock Lever, Gas Cylinder
502D Gas Connector
502E
502F Front Sight Ramp
502G Buttstock, Folding
503Action Cover
504
505 Grip Screw Washer
506
507 Grip Screw Nut
508 Lower Handguard
509
509A Upper Hand Guard
509B Gas Cylinder
510
511
512 Compensator Lock Spring
513 Compensator Lock Pin
514 Front Sight Adjusting Block
515 Front Sight Post
516 , Cleaning Rod
517Rear Sight
518
519
519A Rear Sight Adjusting Block
519B
519C Rear Sight Adjusting Slide Insert
520 Gas Piston
521 Gas Piston Retaining Pin
522 Bolt Carrier
523
Mark bribing and a second seco

524	Firing Pin
525	Firing Pin Retaining Pin
526	Extractor
527	Extractor Spring
	Extractor Retainer Pin
	Front Guide Retainer
	Action Return Spring
	Front Action Return Spring Guide
	Action Return Spring Guide
	Trigger Pin
	Sear
	Sear Spring
	Hammer Spring
	Hammer Pin
	Magazine Latch
	Magazine Latch Spring
	Magazine Latch Pin
	Safety Lever
	Hammer & Trigger Pin Retainer
	Magazine (30 Shot Compl.)
546	Magazine (5 Shot Compl.)
547	
548	Magazine Spring Bottom Retainer
	Magazine Bottom Plate
550	Cartridge Follower (30 shot)
551	Cartridge Follower (5 shot)

WEAPON MARKINGS

FACTORY		COUNTRY		
A 1959 □	SAFE-UPPER	MID	LOWER	
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